TRANSLATION PATENT COOPERATION TREATY POT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR EXIDENSITY A CONST.	G D DOTTOPP A 1416							
P35958-P0	FOR FURTHER ACTION	See Form PCT/IPEA/416							
International application No.	International filing date (day/month/year)								
PCT/JP2005/000339	14.01.2005	16.01.2004							
International Patent Classification (IPC) or nat	ional classification and IPC	·							
G11B7/095	G11B7/095								
Applicant									
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.									
This report is the international preli under Article 35 and transmitted to the		this International Preliminary Examining Authority							
2. This REPORT consists of a total of	4 sheets, inc	luding this cover sheet.							
3. This report is also accompanied by A	ANNEXES, comprising:								
a. (sent to the applicant and	to the International Bureau) a total of	3 sheets, as follows:							
		been amended and are the basis for this report and/or							
sheets containing re Instructions).	ectifications authorized by this Authority (se	ee Rule 70.16 and Section 607 of the Administrative							
1 1 -		y considers contain an amendment that goes beyond							
Box.	le international application as flied, as indi	cated in item 4 of Box No. I and the Supplemental							
b. (sent to the International	Bureau only) a total of (indicate type and n	umber of electronic carrier(s))							
		, containing a sequence listing and/or tables							
		upplemental Box Relating to Sequence Listing (see							
Section 802 of the Administrative Instructions).									
4. This report contains indications relat	ing to the following items:								
Box No. I Basis of the	e report								
Box No. II Priority									
Box No. III Non-establ	ishment of opinion with regard to novelty, i	nventive step and industrial applicability							
Box No. IV Lack of un	ity of invention								
Box No. VI Certain doo	documents cited								
Box No. VII Certain def	ects in the international application								
Box No. VIII Certain obs	Box No. VIII Certain observations on the international application								
Date of submission of the demand	Date of completion	of this report							
	2 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4								
Name and mailing address of the IPEA/JP	Authorized officer	Authorized officer							
Facsimile No.	Telephone No.								

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/000339

Box	No. I	Basis of the report					
1.		h regard to the language, this report is based on the internatio cated under this item.	nal application in the language in w	hich it was filed, unless otherwise			
	This report is based on translations from the original language into the following language which is the language of a translation furnished for the purposes of:						
		international search (Rule 12.3 and 23.1(b))					
		publication of the international application (Rule 12.4)				
		international preliminary examination (Rule 55.2 and/					
2.	rece	h regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the viving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to report):					
		the international application as originally filed/furnished					
	\boxtimes	the description:					
		pages 1-4,8-11,13-14,17		as originally filed/furnished			
		pages* _5,5/1,6,6/1,7,7/1,12,15,15/1,16	received by this Authority on _	14.11.2005			
		pages*	received by this Authority on _				
	\boxtimes	the claims:					
		nos. 2,4-5,7-8		as originally filed/furnished			
		nos.*	as amended (together	with any statement) under Article 19			
		nos.* _ 1,3,6	received by this Authority on	14.11.2005			
		nos.*	received by this Authority on _				
	\boxtimes	the drawings:					
		sheets fig. 1-11		as originally filed/furnished			
		sheets*					
		a sequence listing and/or any related table(s) – see Supplem					
3.		The amendments have resulted in the cancellation of:					
		the description, pages					
		the claims, nos.					
		the drawings, sheets/figs	7				
		the sequence listing (specify):					
		any table(s) related to sequence listing (specify):					
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as fil					
		the description, pages					
		the claims, nos.					
		the drawings, sheets/figs					
		the sequence listing (specify):					
*	If ite	em 4 applies, some or all of those sheets may be marked "supe					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/000339

Box No. V Reasoned statement under Articitations and explanations supp			ticle 35(2) with regard to novelty, inventive step or industrial applicability; oporting such statement	
1.	Statement			
	Novelty (N)	Claims	1-8	YES
		Claims		_ NO
	Inventive step (IS)	Claims	1-8	_ YES
		Claims		_ NO
	Industrial applicability (IA)	Claims	1-8	_ YES
		Claims		_ NO

- 2. Citations and explanations (Rule 70.7)
 - Document 1: JP 1-140432 A (Sony Corp.), 01 June 1989, page 3, lower left column, line 20 to page 5, lower left column, line 13 and fig. 1 to 3
 - Document 2: JP 10-134380 A (Matsushita Electric Industrial Co., Ltd.), 22 May 1998, paragraphs [0021] to [0029] and fig. 1 to 6

 - Document 4: JP 3-194736 A (Konica Corp.) 26 August 1991, entire text and fig. 1 to 5

The inventions set forth in claims 1 to 8 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art (however, refer to box VIII).

PCT/JP2005/000339

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

The inventions set forth in the present application are capable of exhibiting an effect whereby said inventions "prevent phase rotation from occurring during the filtering process, and specifically exhibit a high tracking performance even in relation to partial side runouts that have high-frequency components."

In order for the inventions to be capable of exhibiting the abovementioned effect, it is considered to be necessary for the "operating frequency of the drive signal (or a sub-frequency thereof)" to be higher than the switching frequency of the "plurality of memory regions." However, the feature indicated in the underlined section is not explicitly set forth in the disclosures in claims 1 and 6 (or in the disclosures of claims 2 to 5, 7 and 8, which cite claim 1 or claim 6).